

## A B S T R A C T

### METHOD AND SYSTEM FOR REMOTE SOFTWARE DISTRIBUTION AND INSTALATION

5 A mechanism for the remote distribution/installation of  
computer programs from a source to a number of target  
computers. The computer programs are transferred as packages  
identified in a package list. Attempt numbers for retrying a  
push mode and a pull mode distribution are pre-specified. A  
next package is identified in the package list and it is  
10 checked if a target computer is available. If it is available  
then installation of the package on the target computer is  
started. Otherwise, if at least one push mode attempt is  
left, a next push mode is resumed and rescheduled and, if no  
push mode attempt is left, but at least one pull mode attempt  
15 is left, a next pull mode distribution is resumed and  
rescheduled. The mechanism particularly proposes a queue  
manager that activates a request, i.e., moves the request  
from a request queue into an active queue, and has  
implemented throttling that balances the load during a  
20 software distribution/installation.